

Folate Vitamers in Frozen Human Serum

Art. ID	NIST-3949
Unit	3 vials x 1 mL
Deliverydetails	Dry ice shipment /not restricted

Description

This Standard Reference Material (SRM) is intended for use in validating methods for determining folate vitamers in human serum, and for qualifying in-house control materials analyzed using those methods. A unit of NIST-3949 consists of one vial each of three materials: low (Level 1), medium (Level 3), and high (Level 2) folates. Each vial contains approximately 1.0 mL of frozen human serum. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level 1, certified value	Folic acid	[59-30-3]	0,43 ± 0,13	ng/g		
Level 1, certified value	5-Methyltetrahydrofolate		6,6 ± 0,97	ng/g		
Level 1, certified value	Folic acid	[59-30-3]	0,44 ± 0,14	ng/mL		
Level 1, certified value	5-Methyltetrahydrofolate		6,75 ± 1,00	ng/mL		
Level 1, certified value	Folic acid	[59-30-3]	1,00 ± 0,32	nmol/L		
Level 1, certified value	5-Methyltetrahydrofolate		14,69 ± 2,18	nmol/L		
Level 2, certified value	Folic acid	[59-30-3]	2,91 ± 0,67	ng/g		
Level 2, certified value	5-Methyltetrahydrofolate		20,52 ± 1,83	ng/g		
Level 2, certified value	Folic acid	[59-30-3]	2,98 ± 0,68	ng/mL		
Level 2, certified value	5-Methyltetrahydrofolate		21 ± 1,87	ng/mL		
Level 2, certified value	Folic acid	[59-30-3]	6,75 ± 1,54	nmol/L		
Level 2, certified value	5-Methyltetrahydrofolate		45,71 ± 4,07	nmol/L		
Level 3, certified value	Folic acid	[59-30-3]	2,01 ± 0,44	ng/g		
Level 3, certified value	5-Methyltetrahydrofolate		13,13 ± 1,69	ng/g		

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Level 3, certified valu	Folic acid	[59-30-3]	2,06 ± 0,45	ng/mL
e				
Level 3, certified valu	5-Methyltetrahydrofolat		13,45 ± 1,73	ng/mL
e	e			
Level 3, certified valu	Folic acid	[59-30-3]	4,67 ± 1,01	nmol/L
e				
Level 3, certified valu	5-Methyltetrahydrofolat		29,27 ± 3,77	nmol/L
e	e			